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Figure 1

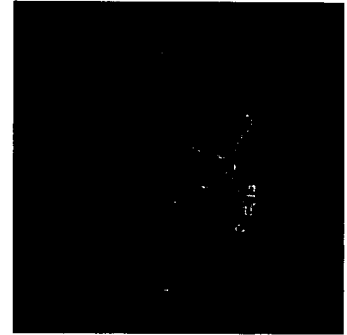
GFP



GFP-LC/A



GFP-LC/B



GFP-LC/E

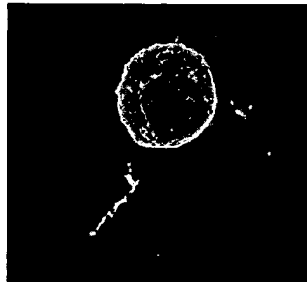


Figure 2

GFP



GFPLC/A



GFP-LC/B



GFP-LC/E



Figure 3

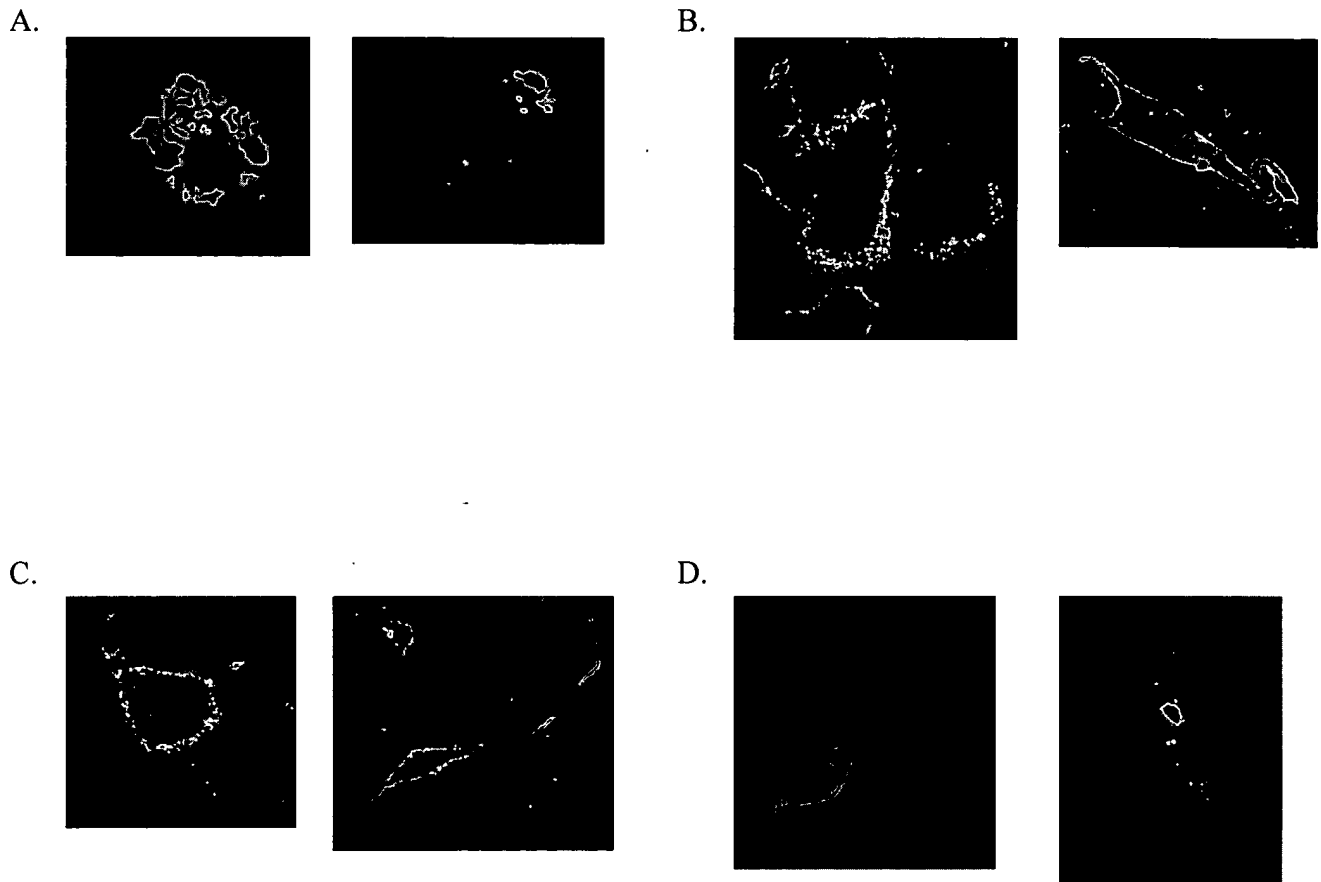
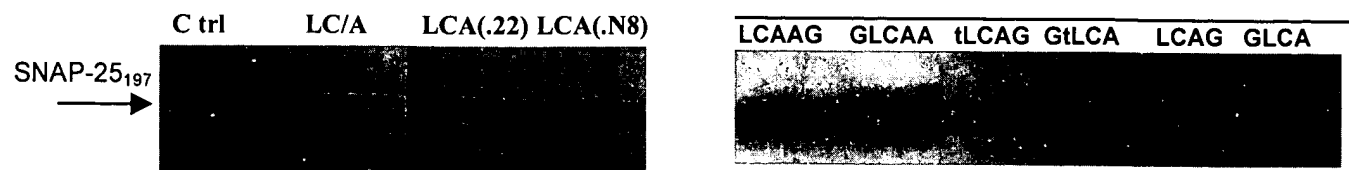
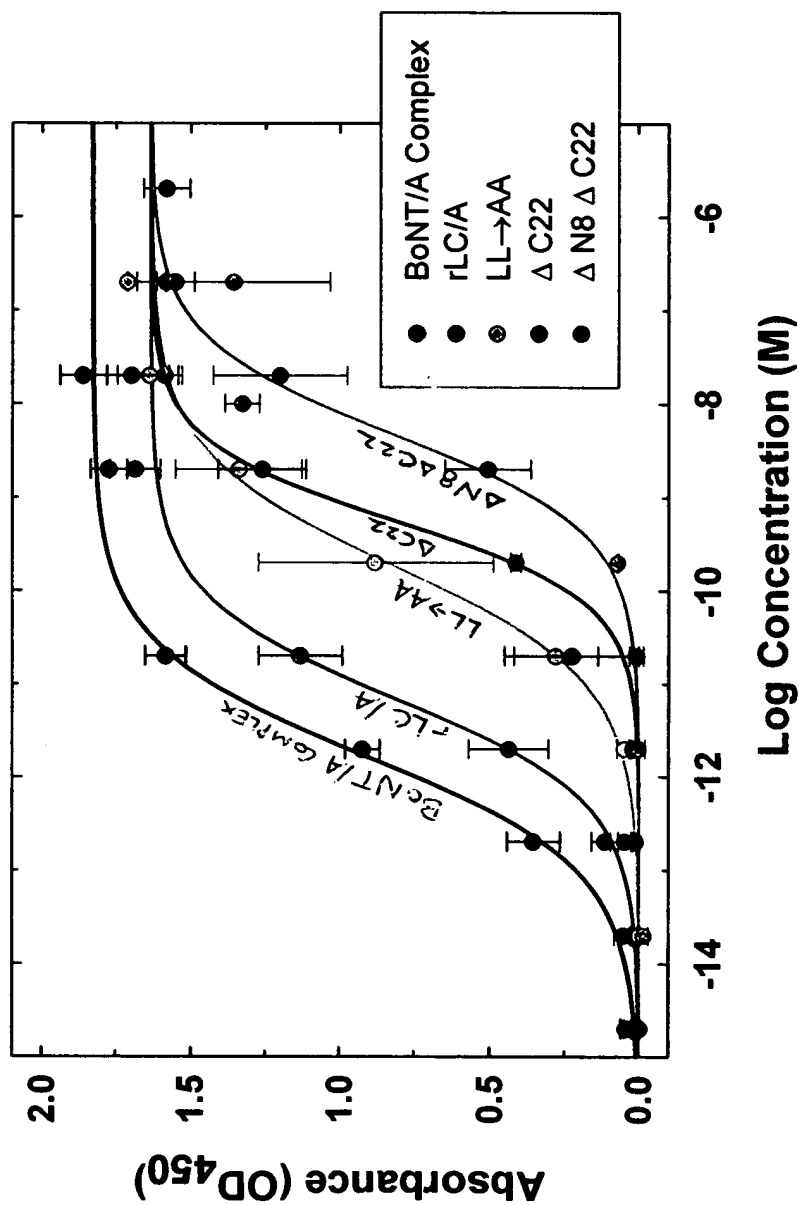


Figure 4



Activity of LC/A mutants towards SNAP25



<u>Construct</u>	<u>EC50's:</u>
rLC/A	7 pM
LLAA	184 pM (x26)
ΔC22	566 pM (x81)
ΔN8ΔC22	4663 pM (x666)

Sheet 5 of 7

Atty. Docket No. ALLE0003-100

Serial No.: Not yet assigned

Filing Date: Herewith

Title: METHODS OF IDENTIFYING COMPOUNDS THAT ALTER TOXIN PERSISTENCE AND/OR PROTEASE ACTIVITY

Inventors: Fernandez-Salas, et al.

Attorney: Quan L. Nguyen Phone No.: 215-665-2158

FIGURE 5

Schematic representation of Adaptins

Binds YXXØ-type signals

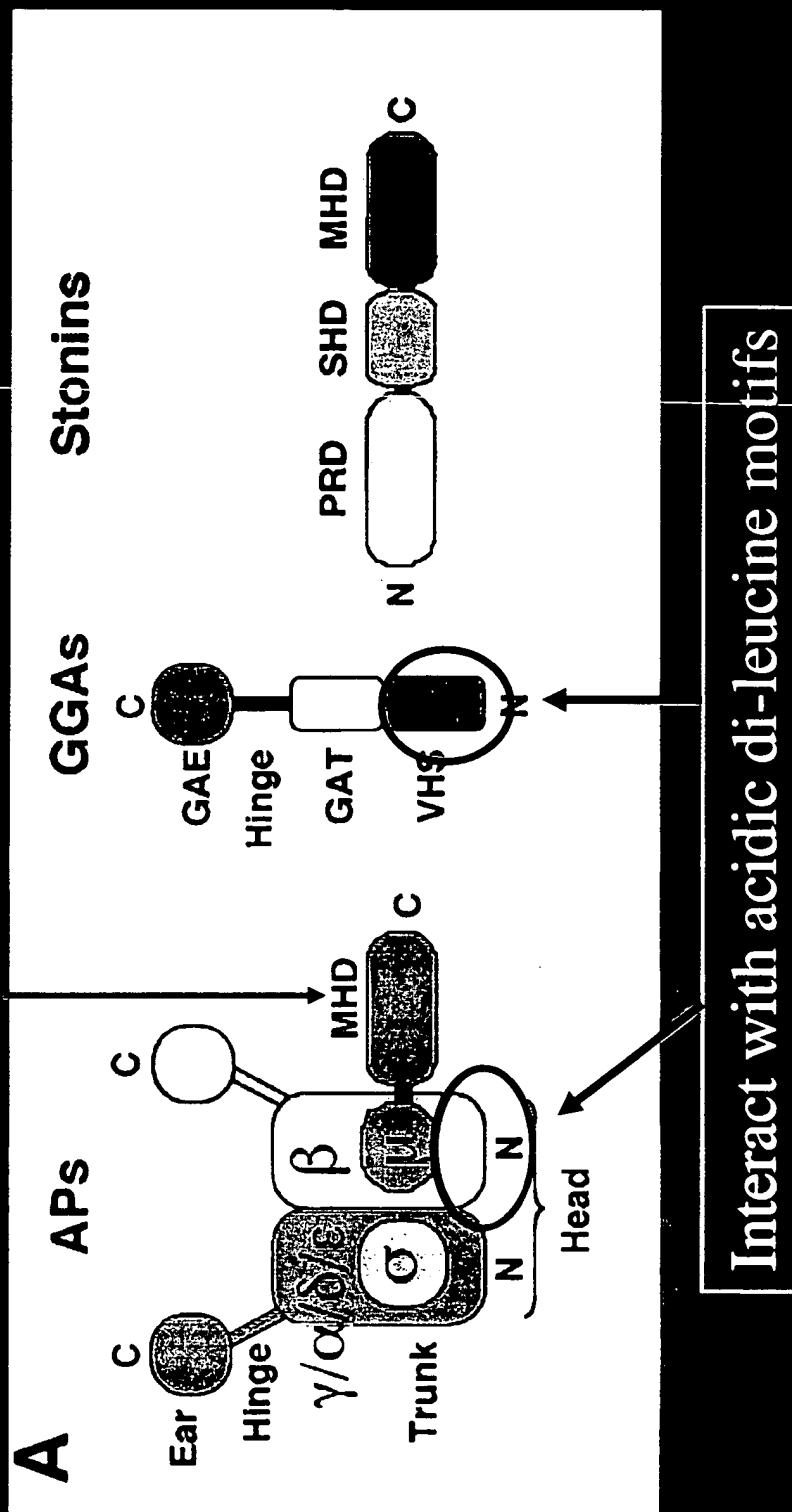


Figure 6A

Adaptins: Localization and Function

AP-2 mediates rapid endocytosis from the plasma membrane

AP-1, AP-3 and AP-4 mediate sorting events at the *trans*-Golgi (TGN) network and/or endosomes

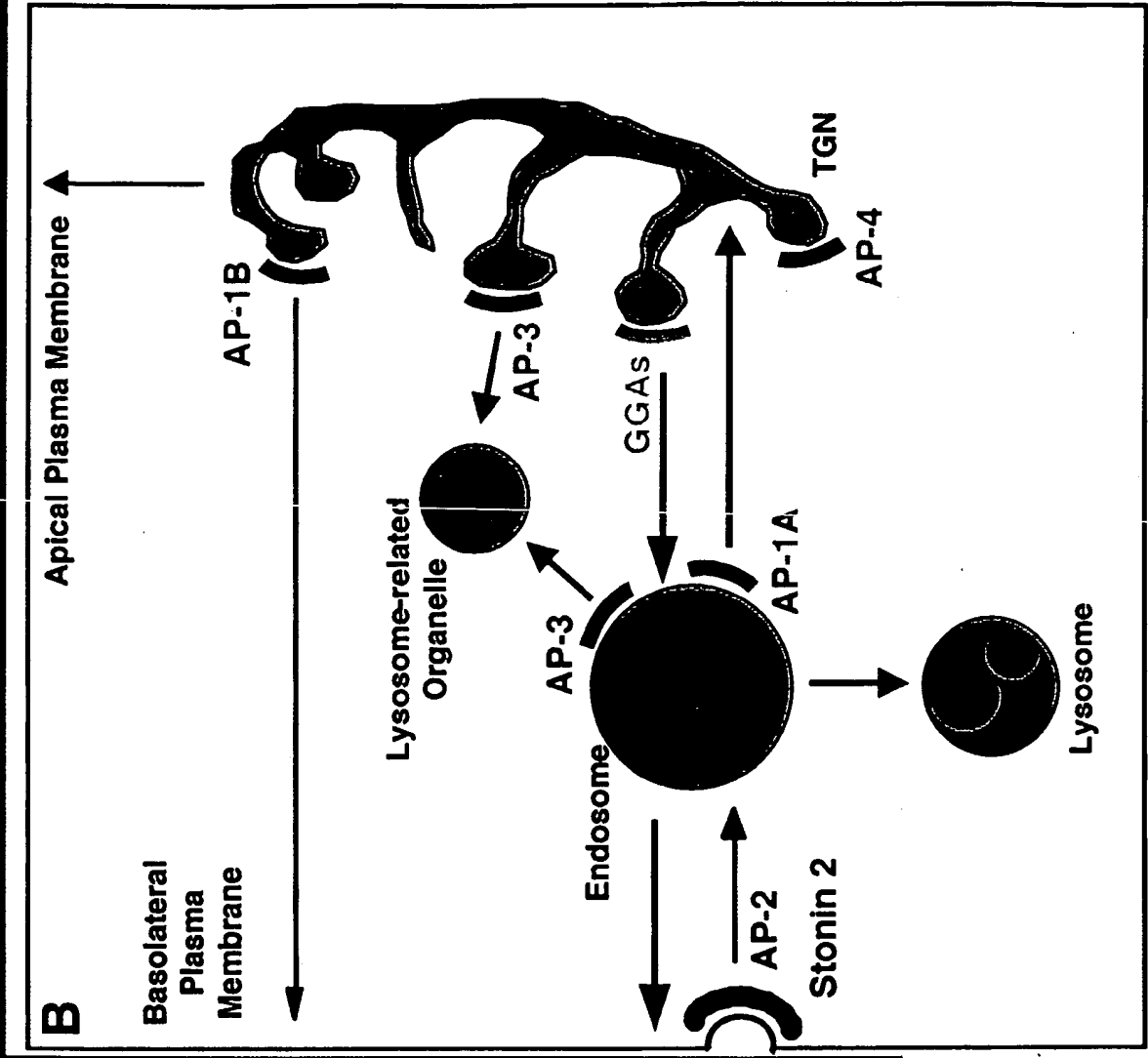


Figure 6B